

1 ~~1. THE CLAIMS:~~

2 ~~Sub 2.~~ A method of sharpening bedknives adapted to be installed
3 in a reel blade mower by means of pivot mounted at each end,
4 comprising the steps of:

5 mounting a spaced set of vertical and horizontal locator
6 surfaces on a fixed support rail in a bedknife grinder;

7 grinding both of the vertical and horizontal surfaces in each
8 set with a single pass of the bedknife grinder wheel to establish
9 parallelism and alignment with each other and the traversing path
10 of the grinder;

11 positioning each bedknife to be sharpened against both sets of
12 locator surfaces, with a rear edge against the vertical surfaces
13 and the bottom against the horizontal surfaces;

14 energizing an electromagnet associated with each locator
15 surface set to hold the bedknife against the locator surfaces, and
16 thereafter operating the bedknife grinder by traversing the
17 grinding wheel along the bedknife so as to sharpen the bedknife as
18 it is held in against the locator surfaces.

19 2. The method according to claim 1 further including the
20 step of aligning the bedknife pivot mounts to the reel blade by
21 adjusting the pivot mount positions in the reel mower.

22 3. The method according to claim 1 further including the
23 step of mechanically clamping each bedknife to said locator
24 surfaces.

Added